

Table 4. List of CDSs in *T. pallidum* that are absent in *T. denticola* at a BLASTP cutoff of $E < 10^{-5}$

TP0006	Tp75 protein
TP0007	hypothetical protein
TP0008	hypothetical protein
TP0010	hypothetical protein
TP0012	hypothetical protein
TP0013	hypothetical protein
TP0014	hypothetical protein
TP0016	ATP-dependent protease LA
TP0031	hypothetical protein
TP0039	hypothetical protein
TP0041	hypothetical protein
TP0055	hypothetical protein
TP0056	oxaloacetate decarboxylase, subunit alpha
TP0057	oxaloacetate decarboxylase, subunit beta
TP0059	hypothetical protein
TP0074	sugar ABC transporter, periplasmic binding protein
TP0075	sugar ABC transporter, permease protein
TP0076	sugar ABC transporter, permease protein
TP0084	hypothetical protein
TP0101	cytochrome c biogenesis protein
TP0112	aminopeptidase C
TP0119	amino acid ABC transporter, permease protein
TP0120	amino acid ABC transporter, ATP-binding protein
TP0122	phosphoenolpyruvate carboxykinase
TP0127	hypothetical protein
TP0128	hypothetical protein
TP0129	hypothetical protein
TP0130	hypothetical protein
TP0132	hypothetical protein
TP0135	hypothetical protein
TP0137	hypothetical protein
TP0158	conserved hypothetical protein
TP0161	hypothetical protein
TP0169	hypothetical protein
TP0180	hypothetical protein
TP0222	hypothetical protein
TP0223	aspartate aminotransferase
TP0224	hypothetical protein
TP0226	hypothetical protein
TP0232	hypothetical protein
TP0245	hypothetical protein
TP0246	hypothetical protein
TP0250	hypothetical protein
TP0257	glycerophosphoryldiester phosphodiesterase
TP0266	hypothetical protein
TP0273	hypothetical protein
TP0277	carboxyl-terminal protease
TP0278	hypothetical protein
TP0280	hypothetical protein
TP0281	hypothetical protein
TP0290	conserved hypothetical protein
TP0293	hypothetical protein
TP0299	hypothetical protein
TP0303	DNA mismatch repair protein
TP0311	hypothetical protein
TP0314	hypothetical protein
TP0315	hypothetical protein

TP0318	hypothetical protein
TP0320	hypothetical protein
TP0332	hypothetical protein
TP0346	hypothetical protein
TP0347	hypothetical protein
TP0350	glutamate-5-semialdehyde dehydrogenase
TP0351	glutamate 5-kinase
TP0355	hypothetical protein
TP0356	RNA-binding protein, putative
TP0370	hypothetical protein
TP0375	hypothetical protein
TP0377	conserved hypothetical protein
TP0381	hypothetical protein
TP0382	hypothetical protein
TP0384	conserved hypothetical protein
TP0403	flagellar protein, putative
TP0409	hypothetical protein
TP0415	hypothetical protein
TP0419	survival protein, putative
TP0420	hypothetical protein
TP0429	V-type ATPase, subunit I
TP0431	conserved hypothetical protein
TP0432	hypothetical protein
TP0433	hypothetical protein
TP0451	hypothetical protein
TP0461	hypothetical protein
TP0467	hypothetical protein
TP0477	glucose-6-phosphate 1-dehydrogenase, putative
TP0478	glucose-6-phosphate 1-dehydrogenase
TP0479	hypothetical protein
TP0483	hypothetical protein
TP0504	hypothetical protein
TP0518	conserved hypothetical protein
TP0527	V-type ATPase, subunit D
TP0530	V-type ATPase, subunit E, putative
TP0531	V-type ATPase, subunit F, putative
TP0533	V-type ATPase, subunit I
TP0534	hypothetical protein
TP0535	hypothetical protein
TP0539	hypothetical protein
TP0544	hypothetical protein
TP0556	asparagine synthetase
TP0573	hypothetical protein
TP0574	carboxypeptidase, 47 kDa
TP0583	hypothetical protein
TP0590	ribosomal protein L36
TP0591	HPr kinase
TP0607	hypothetical protein
TP0608	hypothetical protein
TP0617	hypothetical protein
TP0618	hypothetical protein
TP0619	hypothetical protein
TP0645	hypothetical protein
TP0652	spermidine/putrescine ABC transporter, ATP-binding protein
TP0653	spermidine/putrescine ABC transporter, permease protein
TP0654	spermidine/putrescine ABC transporter, permease protein
TP0655	spermidine/putrescine ABC transporter, periplasmic binding protein
TP0656	hypothetical protein
TP0662	fructose-bisphosphate aldolase

TP0671	sn-1,2-diacylglycerol cholinephosphotransferase, putative
TP0676	hypothetical protein
TP0688	immunity protein
TP0693	hypothetical protein
TP0696	nicotinamidase, putative
TP0697	hypothetical protein
TP0698	hypothetical protein
TP0699	hypothetical protein
TP0707	hypothetical protein
TP0708	hypothetical protein
TP0723	hypothetical protein
TP0737	sugar ABC transporter, periplasmic binding protein
TP0749	hypothetical protein
TP0759	hypothetical protein
TP0791	hypothetical protein
TP0795	hypothetical protein
TP0797	1-pyrroline-5-carboxylate reductase
TP0799	hypothetical protein
TP0802	hypothetical protein
TP0804	sugar ABC transporter, ATP-binding protein
TP0810	DNA adenine methyltransferase
TP0811	hypothetical protein
TP0818	hypothetical protein
TP0821	lipoprotein
TP0825	hypothetical protein
TP0857	hypothetical protein
TP0861	glucosamine-fructose-6-phosphate aminotransferase
TP0867	hypothetical protein
TP0869	hypothetical protein
TP0871	hypothetical protein
TP0895	hypothetical protein
TP0896	hypothetical protein
TP0904	hypothetical protein
TP0916	hypothetical protein
TP0922	hypothetical protein
TP0923	hypothetical protein
TP0932	hypothetical protein
TP0940	hypothetical protein
TP0955	hypothetical protein
TP0976	hypothetical protein
TP0988	conserved hypothetical integral membrane protein
TP1000	hypothetical protein
TP1010	nucleoside-diphosphate kinase
TP1030	hypothetical protein
TP1034	conserved hypothetical integral membrane protein
TP1038	bacterioferrin